

23 FEB 2005 525, 596

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
4 March 2004 (04.03.2004)

PCT

(10) International Publication Number  
**WO 2004/019009 A1**

- (51) International Patent Classification<sup>7</sup>: **G01N 1/34**, 30/14, 33/68
- (21) International Application Number: **PCT/AU2003/001075**
- (22) International Filing Date: 22 August 2003 (22.08.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
2002951240 23 August 2002 (23.08.2002) AU
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- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:**  
— with international search report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: DEPLETION OF PLASMA PROTEINS

(57) Abstract: This invention relates to methods of analysis, and in particular to methods for the preliminary fractionation of samples in which low abundance molecules of interest, for example proteins, polysaccharides or fatty acids, are present together with more abundant molecules of little or no interest. In particular, the invention relates to methods of depletion of high abundance proteins from biological samples. Products and kits for use in the method are also disclosed, and form part of the invention. In one aspect, the invention provides a method of depleting a high-abundance molecule from a biological sample, comprising the steps of a) subjecting the sample to affinity depletion using an affinity support with high affinity for a high abundance molecule, and/or b) immunodepletion using an affinity support coupled to an antibody directed against whole or previously fractionated plasma or serum.

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